

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/588,207  
Source: IFWP  
Date Processed by STIC: 8/14/06

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 08/14/2006

PATENT APPLICATION: US/10/588,207

TIME: 13:19:46

Input Set : A:\004974.01212 sequence listing.txt

Output Set: N:\CRF4\08142006\J588207.raw

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3 <110> APPLICANT: Bayer HealthCare AG
5 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
6   Putative Cysteine Protease 1 (PRSC1)
8 <130> FILE REFERENCE: 004974.01212
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/588,207
C--> 10 <141> CURRENT FILING DATE: 2006-08-02
10 <160> NUMBER OF SEQ ID NOS: 5
12 <170> SOFTWARE: PatentIn version 3.2
14 <210> SEQ ID NO: 1
15 <211> LENGTH: 1393
16 <212> TYPE: DNA
17 <213> ORGANISM: Homo sapiens
19 <400> SEQUENCE: 1
20 gccgcccgcg ccaccactgc caccacggtc gcctgccaca ggtgtctgca attgaactcc      60
21 aagggtgcaga atggttttga aagtagctgt attcctcagt gtggccctgg gcattgggtgc      120
22 cgttcctata gatgatcctg aagatggagg caagcactgg gtggtgatcg tggcagggttc      180
23 aaatggctgg tataattata ggcaccaggc agacgcgtgc catgcctacc agatcattca      240
24 ccgcaatggg attcctgacg aacagatcgt tgtgatgatg tacgatgaca ttgcttactc      300
25 tgaagacaat ccactccag gaattgtgat caacaggccc aatggcacag atgtctatca      360
26 gggagtgccc aaggactaca ctggagagga tgttaccoca caaaatttcc ttgctgtgtt      420
27 gagaggcgat gcagaagcag tgaagggcat aggatccggc aaagtccctga agagtggccc      480
28 ccaggatcac gtgttcattt acttcactga ccatggatct actggaatac tggtttttcc      540
29 caatgaagat cttcatgtaa aggacctgaa tgagaccatc cattacatgt acaaacacaa      600
30 aatgtaccga aagatgggtg tctacattga agcctgtgag tctgggtcca tgatgaacca      660
31 cctgcccgat aacatcaatg tttatgcaac tactgctgcc aacccagag agtcgtccta      720
32 cgctgttac tatgatgaga agaggtccac gtacctgggg gactggtaca gcgtcaactg      780
33 gatggaagac tcggacgtgg aagatctgac taaagagacc ctgcacaagc agtaccacct      840
34 ggtaaaaatcg cacaccaaca ccagccacgt catgcagtat ggaaacaaaa caatctccac      900
35 catgaaagtg atgcagtttc agggtatgaa acgcaaagcc agttctcccg tccccctacc      960
36 tccagtcaca caccttgacc tcacccccag ccctgatgtg cctctcacca tcatgaaaag      1020
37 gaaactgatg aacaccaatg atctggagga gtccaggcag ctacaggagg agatccagcg      1080
38 gcatctggat gccaggcacc tcattgagaa gtcagtgcgt aagatcgtct ccttgctggc      1140
39 agcgtccgag gctgaggtgg agcagctcct gtccgagaga gccccgtca cggggcacag      1200
40 ctgctaccca gaggccctgc tgcacttccg gacctactgc ttcaactggc actccccac      1260
41 gtacgagtat gcgttgagac atttgtacgt gctgggtcaac ctttgtgaga agcgtatcc      1320
42 acttcacagg ataaaattgt ccatggacca cgtgtgcctt ggtcactact gaagagctgc      1380
43 ctccctggaag ctt                                     1393
45 <210> SEQ ID NO: 2
46 <211> LENGTH: 433
47 <212> TYPE: PRT
48 <213> ORGANISM: Homo sapiens
50 <400> SEQUENCE: 2
52 Met Val Trp Lys Val Ala Val Phe Leu Ser Val Ala Leu Gly Ile Gly

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53 1          5          10          15
54 Ala Val Pro Ile Asp Asp Pro Glu Asp Gly Gly Lys His Trp Val Val
55          20          25          30
56 Ile Val Ala Gly Ser Asn Gly Trp Tyr Asn Tyr Arg His Gln Ala Asp
57          35          40          45
58 Ala Cys His Ala Tyr Gln Ile Ile His Arg Asn Gly Ile Pro Asp Glu
59          50          55          60
60 Gln Ile Val Val Met Met Tyr Asp Asp Ile Ala Tyr Ser Glu Asp Asn
61 65          70          75          80
62 Pro Thr Pro Gly Ile Val Ile Asn Arg Pro Asn Gly Thr Asp Val Tyr
63          85          90          95
64 Gln Gly Val Pro Lys Asp Tyr Thr Gly Glu Asp Val Thr Pro Gln Asn
65          100          105          110
66 Phe Leu Ala Val Leu Arg Gly Asp Ala Glu Ala Val Lys Gly Ile Gly
67          115          120          125
68 Ser Gly Lys Val Leu Lys Ser Gly Pro Gln Asp His Val Phe Ile Tyr
69          130          135          140
70 Phe Thr Asp His Gly Ser Thr Gly Ile Leu Val Phe Pro Asn Glu Asp
71 145          150          155          160
72 Leu His Val Lys Asp Leu Asn Glu Thr Ile His Tyr Met Tyr Lys His
73          165          170          175
74 Lys Met Tyr Arg Lys Met Val Phe Tyr Ile Glu Ala Cys Glu Ser Gly
75          180          185          190
76 Ser Met Met Asn His Leu Pro Asp Asn Ile Asn Val Tyr Ala Thr Thr
77          195          200          205
78 Ala Ala Asn Pro Arg Glu Ser Ser Tyr Ala Cys Tyr Tyr Asp Glu Lys
79          210          215          220
80 Arg Ser Thr Tyr Leu Gly Asp Trp Tyr Ser Val Asn Trp Met Glu Asp
81 225          230          235          240
82 Ser Asp Val Glu Asp Leu Thr Lys Glu Thr Leu His Lys Gln Tyr His
83          245          250          255
84 Leu Val Lys Ser His Thr Asn Thr Ser His Val Met Gln Tyr Gly Asn
85          260          265          270
86 Lys Thr Ile Ser Thr Met Lys Val Met Gln Phe Gln Gly Met Lys Arg
87          275          280          285
88 Lys Ala Ser Ser Pro Val Pro Leu Pro Pro Val Thr His Leu Asp Leu
89          290          295          300
90 Thr Pro Ser Pro Asp Val Pro Leu Thr Ile Met Lys Arg Lys Leu Met
91 305          310          315          320
92 Asn Thr Asn Asp Leu Glu Glu Ser Arg Gln Leu Thr Glu Glu Ile Gln
93          325          330          335
94 Arg His Leu Asp Ala Arg His Leu Ile Glu Lys Ser Val Arg Lys Ile
95          340          345          350
96 Val Ser Leu Leu Ala Ala Ser Glu Ala Glu Val Glu Gln Leu Leu Ser
97          355          360          365
98 Glu Arg Ala Pro Leu Thr Gly His Ser Cys Tyr Pro Glu Ala Leu Leu
99          370          375          380
100 His Phe Arg Thr His Cys Phe Asn Trp His Ser Pro Thr Tyr Glu Tyr
101 385          390          395          400

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```

102 Ala Leu Arg His Leu Tyr Val Leu Val Asn Leu Cys Glu Lys Pro Tyr
103                               405                               410                               415
104 Pro Leu His Arg Ile Lys Leu Ser Met Asp His Val Cys Leu Gly His
105                               420                               425                               430
106 Tyr
108 <210> SEQ ID NO: 3
109 <211> LENGTH: 20
110 <212> TYPE: DNA
111 <213> ORGANISM: artificial sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: forward primer
116 <400> SEQUENCE: 3
117 tgagtctggg tccatgatga                                     20
119 <210> SEQ ID NO: 4
120 <211> LENGTH: 20
121 <212> TYPE: DNA
122 <213> ORGANISM: artificial sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: reverse primer
127 <400> SEQUENCE: 4
128 gttggcagca gtagttgcat                                     20
130 <210> SEQ ID NO: 5
131 <211> LENGTH: 24
132 <212> TYPE: DNA
133 <213> ORGANISM: artificial sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: probe
138 <400> SEQUENCE: 5
139 ccacctgccg gataacatca atgt                                     24

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/588,207

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TIME: 13:19:47

Input Set : A:\004974.01212 sequence listing.txt

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date